

EFFICACY REVIEWDATE: IN 2-11-99 OUT 3-22-99FILE OR REG. NO. 432-811

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED January 12, 1999DATE OF SUBMISSION January 6, 1999

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S). 447373-01;D253211;S556574;Case#039508;AC:305PRODUCT MGR. NO. 03-Layne/LeahyPRODUCT NAME(S) InterCept~~X~~Lawn & Ornamental Insect Control GranulesCOMPANY NAME AgrEvo Environmental Health

SUBMISSION PURPOSE Provide performance data in support of increase
of fire ant mound treatment rate from 1 TBS per
10-12" mound to 2 TBS per 8-10" diameter mound.

CHEMICAL & FORMULATION Deltamethrin 0.1%
(52.3-61.2 lbs./cu.ft. bulk density granular)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession
(MRID) Number 447373-01, having been obtained from standard field
testing meeting the requirements of § 95-3(c)(1) and (2)(i) on p.
245 and the standard of § 95-3(c)(3)(i) on p. 245 of the Product
Performance Guidelines, are adequate to demonstrate superiority of
the 2 tablespoons per mound application rate in reducing the popu-
lation index of the red imported fire ant, *Solenopsis invicta*, in a
series of treated mounds located in a public housing area in Bryan,
TX on maintained lawn areas. There was slight activity in mounds
treated with the standard 1 tablespoon per mound application rate
when examined 29 days after treatment, while the other 3 product
application rates, namely 2, 3 and 4 tablespoons product per mound,
showed a complete absence of activity when examined 29 days after
treatment, and no secondary mounds were noted in the vicinity of
these mounds treated with the 3 higher rates. While there were no
statistical differences among any of the 4 rates at 29 days, the
absence of any activity in the 2, 3 and 4 tablespoons rates gives
adequate support to the increase of the application rate on the
label. This label amendment is also applicable to the labels for

EPA Reg. No. 432-824, "Delta Granular", EPA Reg. No. 432-836, "Deltagard G Insecticide Granule" and EPA Reg. No. 432-837, "Deltagard GC Insecticide Granule", although separate bean sheets were not submitted for these additional products. However, since all 3 of these products are also granular formulations with deltamethrin concentration of 0.1%, and the latter 2 products are 100% re-packs of the subject product, the results of this review are also applicable to them. While the efficacy results of this data demonstrate a slight benefit, the overall acceptability of the increase in the per mound application rate is contingent on EFED having no reason to question this increase in the amount of active ingredient being applied per acre to these sites.

RL Vern L. McFarland, IB

Note: Actual per acre treatment rates of individual mounds will be well below broadcast rates per acre. Therefore, per George L., don't need additional EFED review.

J. Leaky
5/14/97